

## ViterThane PLV Finish - Gloss

<b>Product Description</b>	<b>A two pack recoatable polyurethane gloss finish</b> for use on protective systems for steelwork.				
<b>Features &amp; Use</b>	<ul style="list-style-type: none"> <li>An aliphatic polyurethane providing a tough and durable gloss finish together with excellent gloss and colour retention</li> <li>Excellent chemical resistance and low temperature curing down to -5°C</li> <li>Withstands dry heat up to 150°C (discolouration may occur)</li> <li>Use as a site or shop applied finish</li> <li>Easily cleaned gloss surface</li> </ul>				
<b>Approvals/ Certification</b>	Approved to UK Network Rail Protective Treatment M24 (Item No.7.3.1) as the finish coat of a 3 coat system				
<b>Finish</b>	Gloss				
<b>Volume Solids</b>	53 ± 2% (may vary with colour)				
<b>VOC Content</b>	431 ± 20 g/litre (varies with colour)				
<b>Film Thickness Range And Coverage</b>		<b>Dry Film Thickness</b>	<b>Wet Film Thickness</b>	<b>Theoretical Coverage</b>	
	<b>Minimum</b>	30 µm	57 µm	17.7 m <sup>2</sup> /litre	
	<b>Maximum</b>	60 µm	113 µm	8.8 m <sup>2</sup> /litre	
	Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated				
<b>Drying Times</b>	Applied to 40 microns DFT		<b>+10°C</b>	<b>+23°C</b>	<b>+35°C</b>
	<b>Dust Free</b>		2 hr	1 hr	45 min
	<b>Hard Dry</b>		6 hr	3 hr	2 hr
	<b>Overcoating</b>	Minimum	24 hr	12 hr	10 hr
		Maximum	Indefinite if clean and sound		
	Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation				
<b>Colours</b>	BS and RAL and metallic colours via our in-can tinting system				
<b>Mix Ratio/ Product Code</b>	Base	<b>2892</b>	5 parts by volume (or <b>2905 (L)</b> – see Product Notes)		
	Hardener	<b>4054 120</b>	1 part by volume		
<b>Pot Life</b>	4 hours at 23°C				
<b>SG</b>	1.10-1.30 kg/lit mixed, varies with colour				
<b>Storage Conditions</b>	Store in dry, cool conditions and protect from frost				
<b>Shelf Life</b>	Minimum 12 months if stored as above in unopened containers				
<b>Flash Point</b>	23-60°C				

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<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>This product is a finish coat and should be applied over an appropriate primer or intermediate coating</li> <li>All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts or other contamination</li> </ul>														
<b>Mixing</b>	Mix only in the proportions stated, mixing each component individually then together using a mechanical agitator. Agitate periodically during use to ensure product remains homogeneous.														
<b>Thinner</b>	1737 Thinner		<b>Equipment Cleaner</b> 1737 Thinner												
<b>Application Conditions</b>	Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point. Only apply this product when the above conditions can be maintained throughout the critical application and drying/curing process. Paint temperature should ideally be at a minimum of 15°C.														
<b>Application Methods</b>	<table border="1" data-bbox="451 864 1474 999"> <thead> <tr> <th data-bbox="451 864 692 936">Method</th> <th data-bbox="692 864 938 936">Airless Spray</th> <th data-bbox="938 864 1185 936">Conventional Spray</th> <th data-bbox="1185 864 1337 936">Brush</th> <th data-bbox="1337 864 1474 936">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 936 692 999"></td> <td data-bbox="692 936 938 999">Yes</td> <td data-bbox="938 936 1185 999">Yes</td> <td data-bbox="1185 936 1337 999">Yes</td> <td data-bbox="1337 936 1474 999">Yes</td> </tr> </tbody> </table>					Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	Yes	Yes	Yes
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<ul style="list-style-type: none"> <li>Airless Spray: Output fluid pressure at tip 2200-2500 psi, Tip Size: 13-17 thou (0.33-0.43mm)</li> <li>This product is suitable for application by brush or roller, but due to its fast drying properties intricate structures should be avoided</li> <li>The addition of 5-10% of 1737 Thinner is recommended for best results when spraying. Metallic shades should be applied without thinning</li> </ul>															
<b>Product Notes</b>	<ul style="list-style-type: none"> <li><b>Drying/Overcoating times at +5°C (@ 40µm dft):</b> Dust free – 3 hrs; Hard dry – 9 hrs; Min overcoating – 24hr</li> <li>For optimum opacity use a primer/undercoat of a suitable shade</li> <li>High humidity and condensation will impair gloss if exposed during application and curing</li> <li>Some shades (2905 line) may contain lead based colourants and these are labelled <b>(L)</b></li> <li><b>Contains isocyanates</b> – refer to Safety Data Sheet</li> <li>Metallic shades should be applied to 50 microns maximum dry film thickness to achieve the best appearance and should be applied over a suitable undercoat. Viscosity and solids content are lower than for standard colours</li> </ul>														
<b>Health &amp; Safety</b>	Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Axalta Coating Systems.														

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